

Jinwoo Woo

List of Publications by Year in descending order

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16
papers

1,396
citations

759233

12
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1058476

14
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docs citations

16
times ranked

2483
citing authors

#	ARTICLE	IF	CITATIONS
1	A General Approach to Preferential Formation of Active Fe ^N Sites in Fe ^N /C Electrocatalysts for Efficient Oxygen Reduction Reaction. <i>Journal of the American Chemical Society</i> , 2016, 138, 15046-15056.	13.7	663
2	Size-Dependent Activity Trends Combined with in Situ X-ray Absorption Spectroscopy Reveal Insights into Cobalt Oxide/Carbon Nanotube-Catalyzed Bifunctional Oxygen Electrocatalysis. <i>ACS Catalysis</i> , 2016, 6, 4347-4355.	11.2	125
3	Graphitic Nanoshell/Mesoporous Carbon Nanohybrids as Highly Efficient and Stable Bifunctional Oxygen Electrocatalysts for Rechargeable Aqueous Na ⁺ Air Batteries. <i>Advanced Energy Materials</i> , 2016, 6, 1501794.	19.5	120
4	Promoting Oxygen Reduction Reaction Activity of Fe ^N /C Electrocatalysts by Silica-Coating-Mediated Synthesis for Anion-Exchange Membrane Fuel Cells. <i>Chemistry of Materials</i> , 2018, 30, 6684-6701.	6.7	105
5	Activity Origin and Multifunctionality of Pt-Based Intermetallic Nanostructures for Efficient Electrocatalysis. <i>ACS Catalysis</i> , 2019, 9, 11242-11254.	11.2	96
6	Unassisted solar lignin valorisation using a compartmented photo-electro-biochemical cell. <i>Nature Communications</i> , 2019, 10, 5123.	12.8	67
7	Direct propylene epoxidation with oxygen using a photo-electro-heterogeneous catalytic system. <i>Nature Catalysis</i> , 2022, 5, 37-44.	34.4	58
8	Heteroatom-doped carbon-based oxygen reduction electrocatalysts with tailored four-electron and two-electron selectivity. <i>Chemical Communications</i> , 2021, 57, 7350-7361.	4.1	43
9	Highly dispersed Pd catalysts supported on various carbons for furfural hydrogenation. <i>Catalysis Today</i> , 2020, 350, 71-79.	4.4	30
10	Strategies for Enhancing the Electrocatalytic Activity of Mn ^N /C Catalysts for the Oxygen Reduction Reaction. <i>Topics in Catalysis</i> , 2018, 61, 1077-1100.	2.8	27
11	Impact of Textural Properties of Mesoporous Porphyrinic Carbon Electrocatalysts on Oxygen Reduction Reaction Activity. <i>ChemElectroChem</i> , 2018, 5, 1928-1936.	3.4	25
12	Membraneless enzymatic biofuel cells using iron and cobalt co-doped ordered mesoporous porphyrinic carbon based catalyst. <i>Applied Surface Science</i> , 2020, 511, 145449.	6.1	23
13	Structural Evolution of Atomically Dispersed Fe Species in Fe ^N /C Catalysts Probed by X-ray Absorption and ⁵⁷ Fe Mössbauer Spectroscopies. <i>Journal of Physical Chemistry C</i> , 2021, 125, 11928-11938.	3.1	9
14	Patternable Nanoporous Carbon Electrodes for Use as Supercapacitors. <i>Journal of the Electrochemical Society</i> , 2016, 163, A1886-A1892.	2.9	5
15	Generalized Silica-Coating-Mediated Synthesis Toward Enhancing the Catalytic Activity of Fe ^N /C Oxygen Reduction Electrocatalysts. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0
16	Pt-Based Intermetallic Nanostructures: Activity Origin and Multifunctionality for Efficient Electrocatalysis. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0